



IES INDOOR REPORT

PHOTOMETRIC FILENAME : GNLXATWXOG-L40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TESTLAB] EVERFINE

[TEST] 3616

[TESTDATE] 08/17/2020

[ISSUEDATE] 08/18/2020

[LUMCAT] GNLXATWXOG-L40 (CEILING MOUNT)

[LUMINAIRE] DECORATIVE VANDAL ROUND WALL LIGHT W/ OPEN WHITE LENS

[LAMP] LED

[BALLAST] KT-RKIT20PS-8CP-8CSC-VDIM (13.5W SETTING 4000K)

[MANUFAC] LAMAR LIGHTING CO., INC.

[OTHER] Test distance = 30 ft.

[OTHER] Shielding angle: normal 90, Parallel 90

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	832
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	62
Total Luminaire Watts	13.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.92 ft (Diameter)
Luminous Width (90-270)	0.92 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3530	3545	3698
55	3521	3548	3754
65	3690	3729	3954
75	4406	4462	4790
85	8929	9061	9907

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CANDELA TABULATION

	<u>0</u>	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>150</u>	<u>180</u>	<u>210</u>	<u>240</u>	<u>270</u>
0	221.284	221.284	221.284	221.284	221.284	221.284	221.284	221.284	221.284	221.284
1	221.190	221.044	221.091	222.747	222.294	221.763	221.356	221.164	221.117	222.581
2	221.070	220.856	220.950	222.747	222.101	221.596	221.284	221.237	220.976	222.341
3	220.731	220.497	220.778	222.721	221.955	221.450	221.284	221.091	220.851	222.148
4	220.351	220.184	220.539	222.528	221.862	221.310	221.049	221.044	220.684	221.695
5	220.033	219.799	220.153	222.383	221.549	220.971	220.783	220.731	220.424	221.310
6	219.653	219.320	219.752	222.002	221.143	220.705	220.471	220.539	219.945	220.903
7	219.049	218.841	219.361	221.664	220.757	220.273	220.231	220.179	219.585	220.398
8	218.481	218.174	218.841	221.330	220.325	219.820	219.658	219.726	219.106	219.705
9	217.898	217.481	218.377	220.705	219.731	219.242	219.179	219.335	218.606	219.064
10	217.205	216.783	217.543	220.273	219.179	218.715	218.601	218.715	217.861	218.221
11	216.418	215.970	216.872	219.559	218.460	218.096	217.981	218.143	217.142	217.554
12	215.595	215.033	216.080	218.955	217.788	217.372	217.257	217.465	216.397	216.663
13	214.595	214.074	215.220	218.189	216.903	216.585	216.590	216.773	215.632	215.705
14	213.699	213.137	214.423	217.418	216.085	215.569	215.699	215.882	214.720	214.746
15	212.558	212.131	213.277	216.460	215.106	214.762	214.866	215.142	213.736	213.595
16	211.616	210.928	212.334	215.543	214.189	213.626	213.923	214.085	212.746	212.512
17	210.345	209.808	211.090	214.564	213.017	212.668	212.803	213.152	211.605	211.298
18	209.094	208.548	210.053	213.428	211.991	211.397	211.777	212.137	210.459	210.058
19	207.756	207.198	208.693	212.308	210.647	210.392	210.595	210.991	209.204	208.777
20	206.542	205.907	207.527	211.095	209.428	208.959	209.261	209.725	207.964	207.417
21	205.000	204.485	206.105	209.740	208.105	207.704	208.053	208.495	206.568	205.948
22	203.615	202.911	204.745	208.407	206.787	206.250	206.787	207.110	205.229	204.323
23	202.146	201.416	203.177	207.032	205.224	204.896	205.365	205.761	203.615	202.802
24	200.468	199.625	201.739	205.500	203.672	203.318	203.932	204.255	202.208	201.109
25	198.807	198.057	200.052	204.073	202.010	201.750	202.271	202.828	200.401	199.520
26	196.968	196.364	198.312	202.359	200.458	200.083	200.625	201.208	198.947	197.614
27	195.301	194.431	196.551	200.838	198.718	198.390	198.932	199.520	196.994	195.848
28	193.369	192.624	194.832	199.025	196.911	196.676	197.364	197.827	195.254	193.968
29	191.488	190.545	192.999	197.187	195.046	194.811	195.525	196.036	193.436	191.957
30	189.436	188.712	191.186	195.379	193.118	192.957	193.546	194.228	191.415	190.050
31	187.498	186.586	189.108	193.462	191.087	190.899	191.665	192.264	189.483	187.837
32	185.357	184.539	187.008	191.420	189.207	188.951	189.665	190.342	187.435	185.644
33	183.258	182.346	184.982	189.462	187.133	186.821	187.659	188.285	185.383	183.544
34	180.966	180.101	182.810	187.316	184.914	184.701	185.539	186.305	183.284	181.299
35	178.773	177.861	180.544	185.216	182.747	182.529	183.466	184.086	180.898	178.940
36	176.502	175.496	178.252	182.945	180.450	180.263	181.096	181.940	178.700	176.622
37	174.048	173.059	175.965	180.705	178.184	177.898	178.830	179.674	176.215	174.163
38	171.704	170.673	173.475	178.288	175.726	175.554	176.517	177.257	173.929	171.751
39	169.131	168.147	171.142	175.934	173.241	173.105	174.225	174.903	171.350	169.225
40	166.594	165.688	168.631	173.470	170.860	170.642	171.699	172.460	169.084	166.646
41	163.990	163.010	166.032	170.959	168.282	168.105	169.240	170.001	166.193	164.021
42	161.390	160.317	163.500	168.433	165.750	165.506	166.615	167.475	164.000	161.323
43	158.645	157.666	160.823	165.808	163.052	162.974	164.084	164.844	160.942	158.718
44	156.067	154.936	158.130	163.276	160.328	160.302	161.307	162.292	158.645	155.853
45	153.176	152.243	155.452	160.479	157.630	157.557	158.661	159.614	155.499	153.228
46	150.504	149.472	152.806	157.807	154.905	154.905	155.911	156.827	153.129	150.337
47	147.800	146.659	149.983	155.035	152.092	152.061	153.218	154.098	150.056	147.618
48	144.862	143.789	147.139	152.238	149.342	149.170	150.420	151.420	147.399	144.675
49	142.044	140.924	144.373	149.399	146.482	146.404	147.633	148.582	144.492	141.742
50	139.294	138.059	141.476	146.602	143.612	143.534	144.784	145.763	141.648	138.945
51	136.267	135.257	138.664	143.643	140.669	140.648	141.987	142.899	139.013	136.122
52	133.585	132.324	135.819	140.846	137.783	137.731	139.033	140.034	135.892	133.189
53	130.027	129.407	132.981	137.934	134.866	134.939	136.163	137.262	133.142	130.246

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CANDELA TABULATION - (Cont.)

54	126.475	126.594	129.590	135.017	132.006	132.090	133.251	134.371	130.183	127.407
55	123.933	123.604	126.198	132.147	129.136	128.621	130.407	131.616	127.193	124.422
56	120.932	120.792	123.333	128.761	126.157	125.162	127.495	128.147	124.667	121.490
57	118.166	117.947	120.505	125.381	123.261	122.359	124.625	124.688	121.250	118.687
58	115.223	114.983	117.682	122.443	120.401	119.484	121.766	121.901	118.885	115.770
59	112.405	112.119	114.780	119.578	117.458	116.598	118.823	118.984	115.541	112.884
60	109.577	109.321	111.926	116.671	114.588	113.655	115.978	116.192	113.171	110.040
61	106.753	106.524	109.134	113.905	111.624	110.868	113.134	113.379	109.827	107.196
62	103.992	103.711	106.347	110.988	108.806	108.029	110.222	110.587	107.342	104.378
63	101.200	100.893	103.539	108.227	105.946	105.248	107.477	107.769	104.388	101.544
64	98.455	98.122	100.752	105.331	103.102	102.409	104.612	104.941	101.565	98.747
65	95.715	95.403	98.059	102.565	100.289	99.659	101.794	102.185	98.966	96.028
66	93.022	92.699	95.304	99.784	97.492	96.950	98.997	99.466	95.882	93.298
67	90.334	90.001	92.647	96.986	94.788	94.220	96.299	96.716	93.585	90.501
68	87.694	87.391	89.933	94.262	92.012	91.480	93.548	94.054	90.480	87.876
69	85.084	84.724	87.308	91.574	89.345	88.782	90.876	91.366	88.095	85.271
70	82.448	82.141	84.709	88.975	86.667	86.219	88.225	88.709	85.323	82.646
71	79.943	79.541	82.151	86.318	84.089	83.599	85.626	86.110	82.818	79.974
72	77.364	77.015	79.562	83.703	81.422	80.979	82.953	83.542	80.151	77.401
73	74.916	74.483	77.072	81.120	78.817	78.453	80.375	80.953	77.666	74.890
74	72.426	71.926	74.567	78.599	76.301	75.968	77.838	78.453	75.129	72.379
75	69.993	69.629	72.129	76.093	73.796	73.504	75.333	75.916	72.619	69.988
76	67.587	67.248	69.691	73.614	71.290	71.046	72.801	73.499	70.285	67.509
77	65.232	64.857	67.305	71.171	68.925	68.634	70.415	71.004	67.707	65.123
78	62.888	62.524	64.909	68.774	66.493	66.264	67.936	68.623	65.628	62.737
79	60.586	59.971	62.643	66.410	64.180	63.920	65.618	66.274	62.982	60.331
80	58.372	57.752	60.383	64.081	61.732	61.643	63.258	63.925	60.680	57.924
81	56.174	55.616	58.164	61.774	59.278	59.377	60.841	61.643	58.382	55.768
82	54.007	53.444	55.950	59.539	57.101	57.153	58.424	59.383	55.965	53.533
83	51.892	51.371	53.825	57.309	54.929	54.976	56.294	57.174	54.158	51.455
84	49.777	49.308	51.715	55.142	52.835	52.845	54.080	54.981	51.736	49.324
85	47.761	47.313	49.621	52.991	50.720	50.772	52.033	52.845	49.782	47.293
86	45.777	45.324	47.605	50.939	48.626	48.694	49.871	50.751	47.787	45.277
87	43.802	43.396	45.615	48.897	46.756	46.714	47.959	48.735	45.636	43.318
88	41.932	41.505	43.704	46.886	44.693	44.745	45.839	46.693	43.959	41.417
89	40.099	39.672	41.792	44.938	42.875	42.849	43.980	44.771	41.823	39.547
90	38.271	37.922	39.963	42.990	40.943	40.953	41.979	42.818	39.989	37.739
91	36.505	36.192	38.151	41.146	39.172	39.140	40.083	40.958	38.369	35.947
92	34.791	34.504	36.453	39.338	37.390	37.333	38.463	39.104	36.473	34.244
93	33.129	32.848	34.728	37.599	35.697	35.624	36.515	37.390	34.812	32.567
94	31.504	31.223	33.088	35.869	34.030	33.911	34.859	35.614	33.160	30.952
95	29.926	29.665	31.436	34.187	32.364	32.244	33.244	33.926	31.426	29.363
96	28.426	28.144	29.884	32.551	30.790	30.665	31.504	32.275	29.957	27.837
97	26.915	26.722	28.389	30.968	29.264	29.129	30.082	30.707	28.431	26.378
98	25.514	25.305	26.925	29.426	27.780	27.634	28.441	29.176	26.894	24.962
99	24.159	23.956	25.503	27.941	26.321	26.170	27.014	27.675	25.623	23.597
100	22.795	22.644	24.123	26.519	24.946	24.805	25.576	26.233	24.165	22.268
101	21.565	21.383	22.815	25.102	23.602	23.451	24.227	24.842	22.862	20.987
102	20.310	20.174	21.544	23.784	22.315	22.180	22.894	23.508	21.649	19.794
103	19.164	18.997	20.341	22.472	21.065	20.940	21.638	22.185	20.284	18.622
104	18.049	17.882	19.148	21.263	19.904	19.768	20.435	20.966	19.153	17.513
105	16.981	16.830	18.054	20.065	18.768	18.638	19.289	19.773	18.080	16.471
106	15.966	15.830	17.002	18.940	17.700	17.549	18.179	18.669	16.981	15.486
107	15.028	14.893	15.997	17.851	16.674	16.539	17.132	17.596	16.059	14.538
108	14.127	14.002	15.033	16.815	15.710	15.580	16.148	16.580	15.044	13.653
109	13.252	13.142	14.132	15.820	14.794	14.663	15.189	15.601	14.168	12.825

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CANDELA TABULATION - (Cont.)

110	12.465	12.319	13.278	14.903	13.918	13.799	14.309	14.700	13.361	12.033
111	11.725	11.595	12.481	14.038	13.106	13.002	13.460	13.851	12.538	11.319
112	11.017	10.887	11.725	13.220	12.340	12.241	12.673	13.038	11.845	10.621
113	10.355	10.236	11.001	12.455	11.632	11.538	11.939	12.288	11.111	10.001
114	9.756	9.621	10.350	11.752	10.965	10.882	11.241	11.580	10.486	9.407
115	9.199	9.069	9.736	11.090	10.355	10.277	10.611	10.939	9.923	8.881
116	8.683	8.564	9.183	10.470	9.788	9.715	10.022	10.319	9.361	8.381
117	8.204	8.079	8.652	9.918	9.277	9.210	9.491	9.767	8.892	7.923
118	7.787	7.636	8.173	9.376	8.782	8.715	8.996	9.236	8.413	7.511
119	7.397	7.246	7.725	8.897	8.350	8.293	8.553	8.762	8.006	7.147
120	7.037	6.897	7.329	8.459	7.949	7.907	8.152	8.329	7.631	6.803
121	6.694	6.563	6.959	8.043	7.579	7.563	7.819	7.949	7.277	6.485
122	6.386	6.266	6.626	7.683	7.256	7.225	7.506	7.590	7.022	6.204
123	6.115	5.990	6.329	7.350	6.949	6.892	7.147	7.277	6.740	5.949
124	5.881	5.751	6.074	7.058	6.678	6.621	6.824	7.001	6.438	5.719
125	5.673	5.532	5.829	6.787	6.428	6.371	6.553	6.735	6.204	5.527
126	5.480	5.339	5.605	6.553	6.204	6.147	6.329	6.506	5.996	5.381
127	5.318	5.152	5.402	6.386	5.985	5.954	6.157	6.313	5.798	5.188
128	5.141	4.985	5.230	6.183	5.798	5.751	5.959	6.121	5.621	4.969
129	4.964	4.818	5.068	5.964	5.615	5.558	5.751	5.886	5.449	4.761
130	4.792	4.631	4.896	5.792	5.438	5.381	5.553	5.704	5.287	4.547
131	4.600	4.448	4.693	5.647	5.245	5.188	5.365	5.527	5.084	4.355
132	4.412	4.282	4.501	5.501	5.058	4.990	5.173	5.329	4.876	4.188
133	4.240	4.152	4.334	5.266	4.886	4.803	4.975	5.126	4.688	4.047
134	4.073	4.037	4.183	5.048	4.714	4.641	4.797	4.881	4.532	3.943
135	3.938	3.938	4.063	4.886	4.547	4.501	4.631	4.678	4.412	3.881
136	3.839	3.886	3.969	4.725	4.428	4.396	4.495	4.501	4.334	3.875
137	3.797	3.907	3.922	4.558	4.344	4.334	4.381	4.355	4.339	3.907
138	3.834	3.938	3.943	4.459	4.344	4.329	4.308	4.271	4.370	3.938
139	3.865	3.969	3.969	4.464	4.376	4.360	4.318	4.277	4.402	3.969
140	3.902	4.006	4.001	4.485	4.402	4.391	4.350	4.308	4.428	4.006
141	3.943	4.037	4.037	4.511	4.433	4.422	4.381	4.334	4.454	4.037
142	3.969	4.068	4.063	4.537	4.459	4.454	4.412	4.365	4.485	4.073
143	4.011	4.099	4.094	4.563	4.485	4.485	4.438	4.386	4.516	4.099
144	4.042	4.136	4.126	4.584	4.511	4.511	4.469	4.417	4.537	4.136
145	4.084	4.162	4.162	4.610	4.542	4.537	4.501	4.443	4.568	4.167
146	4.115	4.178	4.188	4.636	4.568	4.563	4.527	4.464	4.589	4.204
147	4.152	4.204	4.219	4.662	4.594	4.594	4.553	4.490	4.610	4.235
148	4.183	4.230	4.251	4.683	4.615	4.615	4.579	4.516	4.631	4.266
149	4.219	4.256	4.282	4.709	4.641	4.641	4.600	4.537	4.652	4.303
150	4.256	4.292	4.308	4.730	4.672	4.662	4.626	4.563	4.672	4.344
151	4.292	4.323	4.339	4.751	4.699	4.683	4.652	4.589	4.688	4.376
152	4.329	4.339	4.365	4.771	4.719	4.709	4.678	4.610	4.709	4.412
153	4.365	4.370	4.391	4.797	4.745	4.735	4.704	4.636	4.730	4.443
154	4.407	4.407	4.422	4.818	4.771	4.756	4.725	4.657	4.745	4.475
155	4.443	4.438	4.448	4.839	4.792	4.777	4.745	4.683	4.751	4.511
156	4.475	4.475	4.475	4.860	4.818	4.803	4.771	4.704	4.745	4.537
157	4.511	4.511	4.485	4.876	4.839	4.824	4.792	4.725	4.740	4.563
158	4.547	4.542	4.506	4.896	4.860	4.839	4.813	4.745	4.761	4.584
159	4.579	4.574	4.527	4.912	4.881	4.860	4.829	4.766	4.782	4.610
160	4.615	4.605	4.553	4.933	4.902	4.876	4.850	4.792	4.803	4.626
161	4.646	4.636	4.568	4.949	4.917	4.896	4.865	4.813	4.818	4.652
162	4.678	4.667	4.605	4.964	4.933	4.917	4.876	4.834	4.839	4.678
163	4.714	4.699	4.626	4.980	4.949	4.933	4.896	4.855	4.860	4.714
164	4.745	4.725	4.652	4.990	4.964	4.943	4.907	4.870	4.876	4.740
165	4.777	4.751	4.678	5.001	4.985	4.959	4.917	4.891	4.891	4.771

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CANDELA TABULATION - (Cont.)

166	4.803	4.756	4.709	5.011	5.001	4.969	4.933	4.902	4.902	4.792
167	4.813	4.766	4.735	5.027	5.016	4.975	4.943	4.917	4.923	4.824
168	4.834	4.792	4.766	5.042	5.027	4.990	4.959	4.933	4.933	4.850
169	4.855	4.813	4.792	5.048	5.032	5.006	4.975	4.943	4.943	4.876
170	4.876	4.839	4.818	5.027	5.037	5.011	4.975	4.954	4.943	4.896
171	4.891	4.855	4.839	5.021	5.037	5.016	4.985	4.964	4.959	4.917
172	4.907	4.876	4.865	5.027	5.032	5.027	4.985	4.975	4.969	4.933
173	4.907	4.891	4.886	5.032	5.037	5.027	4.980	4.980	4.975	4.954
174	4.917	4.912	4.907	5.037	5.027	5.021	4.985	4.985	4.980	4.964
175	4.933	4.928	4.928	5.048	5.021	5.016	4.985	4.985	4.985	4.985
176	4.943	4.938	4.938	5.042	5.027	5.016	4.985	4.990	4.990	5.001
177	4.959	4.954	4.949	5.053	5.021	5.016	4.990	4.990	4.995	5.006
178	4.975	4.969	4.964	5.053	5.021	5.011	4.990	5.001	4.990	5.021
179	4.985	4.980	4.975	5.053	5.021	5.016	4.990	4.995	4.990	5.032
180	4.990	4.990	4.990	4.990	4.990	4.990	4.990	4.990	4.990	4.990

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>330</u>	<u>360</u>
0	221.284	221.284	221.284
1	222.195	221.575	221.190
2	221.909	221.570	221.070
3	221.857	221.237	220.731
4	221.596	221.117	220.351
5	221.112	220.711	220.033
6	220.711	220.377	219.653
7	220.299	219.825	219.049
8	219.627	219.299	218.481
9	219.122	218.606	217.898
10	218.382	217.955	217.205
11	217.689	217.122	216.418
12	216.866	216.371	215.595
13	216.012	215.538	214.595
14	214.996	214.647	213.699
15	214.069	213.574	212.558
16	213.027	212.512	211.616
17	211.808	211.412	210.345
18	210.673	210.152	209.094
19	209.318	208.923	207.756
20	208.126	207.563	206.542
21	206.631	206.235	205.000
22	205.292	204.729	203.615
23	203.630	203.234	202.146
24	202.125	201.661	200.468
25	200.411	200.072	198.807
26	198.744	198.281	196.968
27	196.931	196.614	195.301
28	195.072	194.733	193.369
29	193.238	192.842	191.488
30	191.212	190.868	189.436
31	189.201	188.816	187.498
32	187.128	186.602	185.357
33	184.935	184.643	183.258
34	182.883	182.497	180.966
35	180.570	180.138	178.773
36	178.278	177.820	176.502

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CANDELA TABULATION - (Cont.)

37	175.866	175.481	174.048
38	173.501	173.048	171.704
39	171.022	170.563	169.131
40	168.464	168.131	166.594
41	165.839	165.532	163.990
42	163.307	162.979	161.390
43	160.630	160.302	158.645
44	157.937	157.624	156.067
45	155.187	154.811	153.176
46	152.467	152.035	150.504
47	149.623	149.342	147.800
48	146.805	146.472	144.862
49	144.060	143.612	142.044
50	141.070	140.721	139.294
51	138.184	137.898	136.267
52	135.340	134.986	133.585
53	132.548	132.095	130.027
54	129.136	129.183	126.475
55	125.724	126.386	123.933
56	122.901	123.360	120.932
57	119.953	120.557	118.166
58	117.114	117.619	115.223
59	114.270	114.733	112.405
60	111.441	111.837	109.577
61	108.592	109.040	106.753
62	105.764	106.227	103.992
63	102.956	103.435	101.200
64	100.232	100.617	98.455
65	97.455	97.846	95.715
66	94.731	95.122	93.022
67	92.027	92.371	90.334
68	89.293	89.694	87.694
69	86.719	87.048	85.084
70	84.016	84.396	82.448
71	81.484	81.750	79.943
72	78.885	79.218	77.364
73	76.348	76.614	74.916
74	73.822	74.129	72.426
75	71.415	71.598	69.993
76	68.952	69.186	67.587
77	66.566	66.800	65.232
78	64.196	64.414	62.888
79	61.857	62.076	60.586
80	59.539	59.544	58.372
81	57.335	57.309	56.174
82	55.111	55.096	54.007
83	52.939	52.965	51.892
84	50.793	50.866	49.777
85	48.761	48.787	47.761
86	46.667	46.756	45.777
87	44.683	44.771	43.802
88	42.787	42.849	41.932
89	40.865	40.932	40.099
90	39.031	39.109	38.271
91	37.171	37.291	36.505
92	35.489	35.546	34.791

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CANDELA TABULATION - (Cont.)

93	33.702	33.832	33.129
94	32.072	32.171	31.504
95	30.457	30.551	29.926
96	28.868	28.993	28.426
97	27.358	27.498	26.915
98	25.946	26.019	25.514
99	24.488	24.633	24.159
100	23.144	23.289	22.795
101	21.867	21.972	21.565
102	20.586	20.753	20.310
103	19.424	19.549	19.164
104	18.278	18.419	18.049
105	17.190	17.346	16.981
106	16.164	16.320	15.966
107	15.210	15.351	15.028
108	14.288	14.439	14.127
109	13.418	13.575	13.252
110	12.621	12.757	12.465
111	11.866	12.012	11.725
112	11.142	11.288	11.017
113	10.496	10.637	10.355
114	9.881	10.012	9.756
115	9.314	9.460	9.199
116	8.803	8.944	8.683
117	8.334	8.465	8.204
118	7.886	8.043	7.787
119	7.496	7.688	7.397
120	7.142	7.376	7.037
121	6.808	6.980	6.694
122	6.506	6.636	6.386
123	6.246	6.350	6.115
124	5.985	6.105	5.881
125	5.761	5.876	5.673
126	5.563	5.678	5.480
127	5.370	5.485	5.318
128	5.204	5.308	5.141
129	5.021	5.141	4.964
130	4.855	4.969	4.792
131	4.641	4.782	4.600
132	4.464	4.574	4.412
133	4.282	4.386	4.240
134	4.131	4.209	4.073
135	4.001	4.063	3.938
136	3.891	3.938	3.839
137	3.849	3.844	3.797
138	3.881	3.839	3.834
139	3.912	3.870	3.865
140	3.948	3.907	3.902
141	3.980	3.938	3.943
142	4.016	3.974	3.969
143	4.053	4.006	4.011
144	4.084	4.042	4.042
145	4.115	4.079	4.084
146	4.152	4.120	4.115
147	4.193	4.152	4.152
148	4.230	4.188	4.183

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CANDELA TABULATION - (Cont.)

149	4.261	4.219	4.219
150	4.297	4.261	4.256
151	4.334	4.292	4.292
152	4.376	4.329	4.329
153	4.407	4.365	4.365
154	4.443	4.407	4.407
155	4.480	4.443	4.443
156	4.516	4.485	4.475
157	4.553	4.516	4.511
158	4.589	4.553	4.547
159	4.620	4.589	4.579
160	4.662	4.626	4.615
161	4.693	4.657	4.646
162	4.719	4.693	4.678
163	4.745	4.719	4.714
164	4.766	4.756	4.745
165	4.782	4.787	4.777
166	4.797	4.803	4.803
167	4.818	4.824	4.813
168	4.844	4.839	4.834
169	4.865	4.855	4.855
170	4.891	4.865	4.876
171	4.907	4.886	4.891
172	4.928	4.902	4.907
173	4.943	4.912	4.907
174	4.959	4.928	4.917
175	4.969	4.943	4.933
176	4.980	4.959	4.943
177	5.001	4.964	4.959
178	5.011	4.980	4.975
179	5.016	4.985	4.985
180	4.990	4.990	4.990

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	81.46	N.A.	9.80
0-30	174.07	N.A.	20.90
0-40	287.52	N.A.	34.60
0-60	522.13	N.A.	62.80
0-80	697.05	N.A.	83.80
0-90	751.66	N.A.	90.40
10-90	730.66	N.A.	87.90
20-40	206.06	N.A.	24.80
20-50	326.58	N.A.	39.30
40-70	332.62	N.A.	40.00
60-80	174.92	N.A.	21.00
70-80	76.92	N.A.	9.20
80-90	54.60	N.A.	6.60
90-110	54.16	N.A.	6.50
90-120	64.22	N.A.	7.70
90-130	69.81	N.A.	8.40
90-150	75.96	N.A.	9.10
90-180	79.94	N.A.	9.60
110-180	25.78	N.A.	3.10
0-180	831.59	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	21.00
10-20	60.46
20-30	92.61
30-40	113.45
40-50	120.52
50-60	114.09
60-70	98.01
70-80	76.92
80-90	54.60
90-100	34.70
100-110	19.46
110-120	10.06
120-130	5.59
130-140	3.44
140-150	2.72
150-160	2.13
160-170	1.37
170-180	0.47

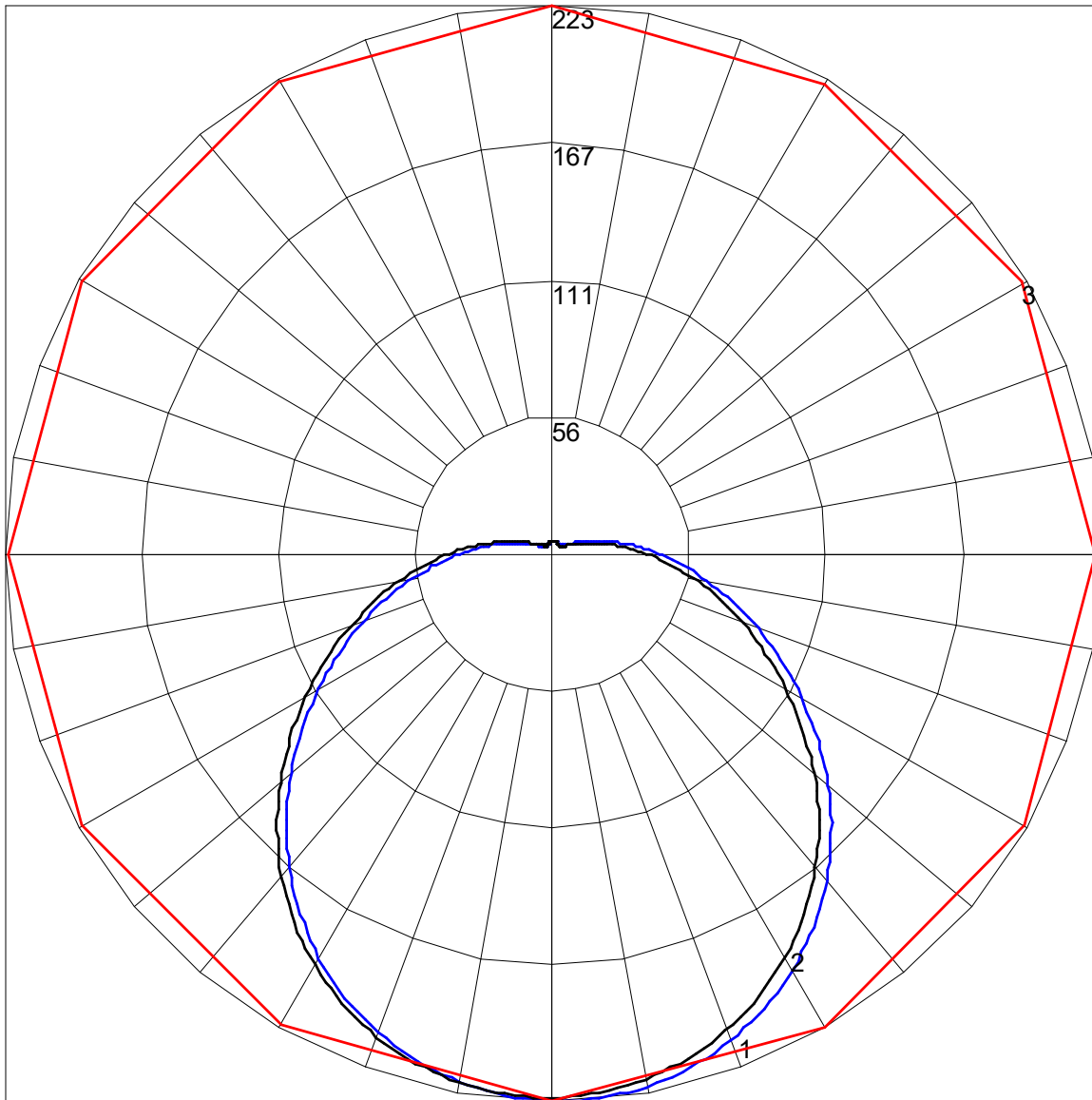
IES INDOOR REPORT
PHOTOMETRIC FILENAME : GNLXATWXOG-L40.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	104	98	93	88	100	95	90	86	89	85	82	83	80	77	78	76	73	70
2	94	84	77	70	90	82	75	69	76	71	66	72	67	63	67	63	60	57
3	85	74	65	58	82	71	63	56	67	60	54	63	57	52	59	54	50	47
4	78	65	55	48	74	63	54	47	59	52	46	55	49	44	52	47	42	40
5	71	58	48	41	68	56	47	40	53	45	39	50	43	38	47	41	37	34
6	66	52	42	36	63	50	41	35	47	40	34	45	38	33	42	36	32	30
7	61	47	38	31	58	45	37	31	43	35	30	41	34	29	39	33	28	26
8	56	43	34	28	54	41	33	27	39	32	27	37	31	26	35	30	25	23
9	53	39	31	25	51	38	30	25	36	29	24	34	28	23	33	27	23	21
10	49	36	28	22	48	35	27	22	33	26	22	32	26	21	30	25	21	19

POLAR GRAPH



Maximum Candela = 222.747 Located At Horizontal Angle = 90, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)